

Date: Tue, 8 Jun 93 18:43:38 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #696  
To: Info-Hams

Info-Hams Digest                      Tue, 8 Jun 93                      Volume 93 : Issue 696

Today's Topics:

40m in Europe, U.S. Buro questions  
Air-band radio question (2 msgs)  
FT-530 HT coverage expansion mods needed  
ham radio in movies  
Ham Radios in movies (2 msgs)  
HTs and Customs  
IC-4SAT Out of Band RX  
Kenwood 742A dual-band features  
Licensing Data point Extra upgrade in 8 1/2 weeks  
Pager information sought  
QSL-Infos please  
Radios in movies  
State by State Hamfest calendars??  
WANTED FT-101ZD, Radios in movies

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 8 Jun 1993 16:45:15 GMT  
From: world!sharon@decwrl.dec.com  
Subject: 40m in Europe, U.S. Buro questions  
To: info-hams@ucsd.edu

A couple of questions I hope someone might help with:

\* If I am operating in Europe with a European reciprocal license,  
what are the band restrictions for 40m? If I am contained to the

intersection of my home and host country's priveleges, I will be unable to operate 40m phone at all. In this case, though, I believe the 40m restrictions are solely to prevent interference with broadcast stations; in fact, in certain areas, U.S. hams are permitted additional operating frequencies on phone, if I remember correctly.

In short: Can I operate on 40m phone from Europe as, say, S5/KC1YR or UC1A/KC1YR in the European phone portion of the band that is off limits to me at home?

\* Can I send UC1A/KC1YR cards to hams in the States via the ARRL-run buros? In this case, the cards ARE DX cards, even if I am home now.

Thanks,

Sharon KC1YR

--

Sharon Machlis Gartenberg  
Framingham, MA USA  
e-mail: sharon@world.std.com

-----  
Date: 8 Jun 1993 22:14:20 GMT  
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net  
Subject: Air-band radio question  
To: info-hams@ucsd.edu

> He needs the restricted radiotelephone permit. If he's got a First Class  
> or the General Radiotelephone, that will do, otherwise it's a matter of  
> filling out the yellow tag and mailing it with \$35 to the FCC.

Not for some time now. Domestic VHF aviation doesn't need an operators license.

> I don't know about the legitimacy of the station license, though.

You do need a station license for any station on this band. Your chances of getting one for just casual use are non-existent. You are expected to operate on the plane's license if you are in the plane. If you are some other approved use (flight school, FBO, whatever) you get your station license the same way you got the one for your fixed station. There's no legal way to license a handheld for just random use.

> She wants an air band  
> HT which is legal and type-accepted for aviation use, but which can also  
> be used on the ham bands.

None that I know of. Also, not legally doable without some creative bending of the rules. The type acceptance requirements now generally require that the user can not change frequency out of the limits of the service.

-Ron

-----  
Date: 9 Jun 1993 00:08:25 GMT  
From: usc!howland.reston.ans.net!gatech!asuvax!chnews!news@network.UCSD.EDU  
Subject: Air-band radio question  
To: info-hams@ucsd.edu

In article <1v3019INNdq@rave.larc.nasa.gov>  
kludge@grissom.larc.nasa.gov (Scott Dorsey) writes:

[Regarding using an air-band HT to coordinate meeting a private pilot]

>It sounds like he does indeed have a legitimate flight-related reason to  
>transmit, in that he needs to provide information to the fellow in flight.  
>After all, there are restaurants in airports that you can call on the comms  
>and ask to prepare food for when you arrive. If that is legitimate and  
>flight-related, then surely there can't be a problem.

I thought this was the kind of thing UNICOM channels were supposed to be used for. Do those still exist? (Aviation neophyte question)  
Are they usable? Can you really order pizza on them?

He could make some arrangement with an FBO (with Unicom) to relay his traffic to his friend via their ground station. Or get the HT "licensed" as one of the FBO's transmitters. Think you'd want to be real good friends with the FBO. (FBO=Fixed\_Base\_Operator)

```
+-----+-----+
| Jim Bromley W5GYJ | | |
| Intel Corp. m/s CH3-91 | | This message transmitted with |
| 5000 W. Chandler Blvd. | | 100% recycled electrons. |
| Chandler,AZ 85226 | | |
| tel: 602-554-5183 | | Internet: jrbromley@sedona.intel.com |
+-----+-----+
```

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Date: 8 Jun 1993 12:55:39 -0700  
From: techbook.com!techbook.com!not-for-mail@uunet.uu.net  
Subject: FT-530 HT coverage expansion mods needed  
To: info-hams@ucsd.edu

I recently purchased a Yaesu FT-530 HT at the Seaside Hamvention and am interested in finding the method of expanding the receiver tuning range. Does this also expand the xmit range, putting me at risk of accidental xmit outside of the appropriate band edge? Or is there a separate transmit mod for CAP, MARS, ect? I would like to have information on any or all possible mods.

Thanks  
Gene

Also, Thanks to all who mailed or posted in response to my request for advice on which HT to purchase.

--

Those who beat their swords into plowshares  
are destined to plow for those who don't.  
genew@techbook.COM

Please direct flames to: genew@ucant.gethere.firmhere

-----  
Date: 8 Jun 93 13:47:29 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ham radio in movies  
To: info-hams@ucsd.edu

In Die Hard II Kenwood HT's and a Kenwood TS-940 were used. The HT's were in the hands of the Terrorists and the TS-940 was in use by the Marines.

Robert G. Schaffrath, N2JTX	Internet: rgs%wpmax2%gfmida@uunet.uu.net
Systems Engineer	CompuServe: 70541,435
Maxwell House Coffee Company	Phone: 914-335-2777
Kraft General Foods Corp.	Slogan: "ervice is ur mott"

-----  
Date: Tue, 08 Jun 1993 22:12:35 GMT  
From: news.mentorg.com!mbutts!mbutts@uunet.uu.net  
Subject: Ham Radios in movies  
To: info-hams@ucsd.edu

Take a look at "Sneakers". Lots of radios used just because they look so "hi-tech". Computers have no knobs anymore, so they fill the sets with radios! I'm not an expert spotter, but I know I saw HW-8-like QRP rigs

and FT-100s in the van and the lab. Especially check out the gear to the left of the computer in the party scene.

-- 73 de KC7IT

--

Mike Butts mbutts@qcktrn.com Research Engineering Mgr. 503-685-1302  
Quickturn Systems, Inc., 8005 SW Boeckman Road, Wilsonville, Oregon 97070  
My opinions are my own, and aren't necessarily shared by Quickturn Systems.

-----  
Date: Tue, 8 Jun 1993 22:26:02 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!uknet!mcsun!fuug!krk!  
krksun.kr.ki.fi!oh2lak@network.UCSD.EDU  
Subject: ham radios in movies  
To: info-hams@ucsd.edu

Robert Ford (robert@UNBSJ.CA) wrote:

: In the movies "Die Hard" and "Die Hard 2", they use HTs. I can't remember  
: for sure, it has been about a year since I've seen the movies...However this  
: is what I remember. In the first movie they used a Kenwood (don't know the  
: model) and with it they used it to talk on CB channel 9 and to the police  
: (Quite an amazing rig!). In the second movie the HTs had some sort of  
: scrambling...frequency inversion maybe?...

Yepp. In Die Harder they had Kenwood UHF HT's with speech scrambling. That  
would be neat! HIHI. In the new Harlin movie, Cliffhanger, they have  
again Kenwood radios. Now the new models with "integrated" antennas.

..

--

E R I K F I N S K A S OH2LAK

-----  
InterNet: Erik.Finskas@krk.fi  
OH2LAK@krk.fi  
Lakki@cute.cute.fi  
Amateur Packet: OH2LAK@OH2RBI.FIN.EU  
-----

H A M R A D I O  
T H E R E A L T H I N G

R A  
RADIO AMATEUR  
D HAM A  
I T RADIO  
O E I  
U O  
R

-----  
Date: 7 Jun 1993 16:53:41 GMT  
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net

Subject: HTs and Customs  
To: info-hams@ucsd.edu

If you have a piece of equipment that appears to be of foreign origin (Cameras are the most common instance of this), you can register it with Customs on the way out of the country. They give you this little form (about the size of a doctor's prescription) that lists item and serial number so you can prove you had it when you left and hence don't owe any duty on it.

-Ron

-----  
Date: Tue, 08 Jun 1993 14:29:01 GMT  
From: mvb.saic.com!kevin@network.UCSD.EDU  
Subject: IC-4SAT Out of Band RX  
To: info-hams@ucsd.edu

I recently purchased a used IC-4SAT, Icom 440 Mc. HT and would like to know if anyone knows how to get it to tune beyond 450 Mc.

I spoke with a tech at Icom and he told me to hold down the LIGHT, B, and # keys while powering it on, but that didn't work.

Maybe there's a serial number range where this doesn't work?

BTW, If I had known what a great radio this is, I'd have bought one much sooner!

-----  
Date: 8 Jun 93 09:54:49 CST  
From: usc!howland.reston.ans.net!wupost!kuhub.cc.ukans.edu!baxter@network.UCSD.EDU  
Subject: Kenwood 742A dual-band features  
To: info-hams@ucsd.edu

I haven't seen too many articles about the new Kenwood TM-742A pass through here, so my apologies if someone has recently posted a similar question....

Does anyone have mods for the TM-742A, like extended frequency coverage, key sequences for extra features, extra channels, 800 mhz receive activation, etc... like the 741A had? These units can't be too different, and the 741A had a lot of "hidden" features that could easily be accessed?

Does anyone know what lurks in the 742A? Thanks

Kirk, N0FPZ

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Date: Tue, 8 Jun 1993 14:14:01 GMT  
From: usc!howland.reston.ans.net!darwin.sura.net!udel!gvls1!rossi@network.UCSD.EDU  
Subject: Licensing Data point Extra upgrade in 8 1/2 weeks  
To: info-hams@ucsd.edu

In article <9305077394.AA739459805@sceng.UB.com> hayssen@sceng.UB.COM  
(Hayssen\_Carl) writes:

>  
> Here's another one. I passed 1C April 7, 1993. The license

One more....

A friend passed his Extra test on April 1 and recieved his upgrade  
with new call on May 22 -- He got AA3EM

=====  
Pete Rossi - WA3NNA ross@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company  
Valley Forge Engineering Center - Paoli, Pennsylvania  
=====

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Date: Tue, 8 Jun 1993 13:46:20 GMT  
From: usc!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!cs.yale.edu!  
CSUSYS.CTSTATEU.EDU!STAMANDP@network.UCSD.EDU  
Subject: Pager information sought  
To: info-hams@ucsd.edu

In article <1993Jun7.184001.11227@alsys.com>, garym@alsys.com (Gary Morris  
@ignite) writes:  
>In <1993Jun07.151642.13150@uhura.neoucom.edu> wtm@uhura.neoucom.edu (Bill Mayhew)  
writes:  
>>The pagers operate on various frequencies between ~150 - 160 MHz  
>>or ~450 - 460 MHz.  
>  
>Mine says it is on 929.56250 Mhz. I wonder if it could be put on 927,  
>then we could have an amateur paging system :-)  
>--GaryM

Mine is at 931.1875 Mhz. I think the newer Alphas are up in the 900+ range. I  
think some commercial one way data shares some of the frequencies too.

-Paul

+-----+  
Paul R. St. Amand | INTERNET stamandp@ccsu.ctstateu.edu  
ITT Hartford, Investment Div. | DECNET(ctstateu) CCSU::STAMANDP  
Central Connecticut State University | (203) 547 - 4030 (Business)  
DECUS CVLUG |

Disclaimer: These comments are mine and do not reflect the administration  
or policies of Connecticut State University or ITT Hartford.

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Date: 8 Jun 1993 13:38:11 GMT  
From: usc!howland.reston.ans.net!darwin.sura.net!news.dfn.de!mailgzzr.TU-  
Berlin.DE!news.netmbx.de!Germany.EU.net!Informatik.Uni-Dortmund.DE!beta!  
thewes@network.UCSD.EDU  
Subject: QSL-Infos please  
To: info-hams@ucsd.edu

Hi, Folks!

I did some QSOs with nice calls during the WPX-contests this year and do not  
know the QSL-Info of them. If anybody has, please let me know via email to

thewes@beta.informatik.uni-dortmund.de (till end of June)

or

bt@dosis.uni-dortmund.de (hopefully afterwards)

The worked stations are:

(CQ WW WPX SSB)

UR8J, UX9C, UN7LC, RE3A, US7I, RT1U, CQ1A, RY7E, UY7E

(CQ WW WPX CW)

5K1X, IP1TI, IB9T, CR7M, IU9A, S02FCJ, OT3A, IO4IND, S50S, OI5AY, R9A, ZA2A,  
H28A, HV3SJ

(some days later) RB8X/RB5UE

looking forward to get your msg

Vy 73 de Berthold, DL3YEI

-----  
Date: 8 Jun 1993 13:32:56 GMT  
From: usc!sdd.hp.com!swrinde!cs.utexas.edu!math.ohio-state.edu!  
howland.reston.ans.net!ux1.cso.uiuc.edu!usenet.ucs.indiana.edu!master.cs.rose-  
hulman.edu!master.cs.rose-hulman.edu!news@network.



Subject: Radios in movies  
To: info-hams@ucsd.edu

In article <1v1gkrINNhp9@circnis1.unl.edu> mcduffie@unl.edu (Gary McDuffie Sr) writes:

> Okay, guys...but who can forget that Kojak talked on his xtal  
> controlled Bearcat scanner every week!!  
>  
> Gary

Gosh! You mean you can't DO that? No wonder I never get an answer.

73 de K9CUN, Jack

-----  
Date: Mon, 7 Jun 1993 15:42:31 GMT  
From: usc!sdd.hp.com!caen!rphroy!kocrsv01!c23g1c@network.UCSD.EDU  
Subject: State by State Hamfest calendars??  
To: info-hams@ucsd.edu

I did not find any information in the HAM FAQ's... but has there been anyone that has put together a state by state list of hamfests. I remember one for Indiana on a packet network but I have not found any list in this news group.

This would be a useful addition the news in rec.radio.amateur.misc group.

Can someone please forward/Email the Indiana hamfest list if it is still out there somewhere?

Internet c23g1c@kocrsv01.delcoelect.com

Thanks.

73's Gary WB9SMX

\* Gary Lee Calvert a.k.a. WB9SMX \* Clever words of inspiration go here ! \*  
\* Fatti Maschi Parole Femine \* Witty proverbs, religious blessings here \*  
\* c23g1c@kocrsv01.delcoelect.com \* Add any appropriate profound statments \*  
\* This is a do-it-yourself, I'm to busy line \* 1 \* REDUCTIO AD ABSURDUM :^) \*

--  
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Date: 8 Jun 1993 17:33:44 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
ux1.cso.uiuc.edu!uwm.edu!rpi!rs6420.ecs.rpi.edu!maessm@network.UCSD.EDU  
Subject: WANTED FT-101ZD, Radios in movies  
To: info-hams@ucsd.edu

In article <2C138DFE.25376@ics.uci.edu>, turner@safety.ics.uci.edu (Clark Savage Turner) writes:

|> The Anderson Tapes - saw the kid use an HW-101 to get help.  
|> The Godzilla movies (forget which one) - saw a Yaesu FTdx 560 used as  
|> part of a "death ray" weapon.  
|> Buckaroo Banzai - this little kid keeps in touch with Buckaroo with a Kenwood  
|> TS-520.  
|> I don't often see movies, so I suppose the list goes on and on. Anyone  
|> want to add to it?

Don't forget the Kenwood HT's used as "secure radios" in Die Hard 2.  
(I think they were TH-26's)

Or the Kenwood TS-520 that was a "dispatch radio" for a taxi service in an  
episode of the A-Team.

--

Mat Maessen N2NJZ | maessm@rpi.edu

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disclaimer: Anyone NOT singing will have a can of Foster's lobbed at  
their heads.

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Date: 8 Jun 93 23:08:41 GMT  
From: swrinde!gatech!pitt.edu!hpb.cis.pitt.edu!hpb@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <9306080520.AA06729@ucsd.edu>,  
<1993Jun8.155428.12876@peavax.mlo.dec.com>, <739590295snx@llondel.demon.co.uk>  
Subject : Re: Ham Radios in movies

In article <739590295snx@llondel.demon.co.uk> dave@llondel.demon.co.uk writes:  
>On a slightly different note, has anyone tried reading the morse in some of  
>the old war films? It is surprising how much of it is \*real\* morse and has  
>some relevance to what it is claimed to be.  
>

In Midway, a Japanese admiral gives orders to a radio operator

who in turn transmits them in Morse to an observation aircraft. The orders are sent perfect code at about 20 WPM, "REPORT POSITION..." etc (I forget the rest). The Japanese plane responds in Morse in perfect English.

No wonder the Japanese lost the war, they were transmitting messages in plain uncoded English. :-)

In the "Wackiest Ship in the Army" there's a funny scene when Jack Lemmon is piloting a sailboat into a harbor. The US Navy commander in charge of the harbor tries to send him a warning message using flashing lights. The rest of the scene goes something like this:

Lemmon (squinting at code light): YOU ARE NOW ENTERING A FINE AREA  
Well how nice of them to tell us that!

Enlisted person: Sir, I think that was an "M".

Lemmon: You mean the message reads "MINE AREA"?

Harry Bloomberg WA3TBL  
hpb+@pitt.edu

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Date: Tue, 8 Jun 1993 23:46:34 GMT  
From: swrinde!cs.utexas.edu!usc!howland.reston.ans.net!noc.near.net!lynx!  
random.ccs.northeastern.edu!bungles@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <9306080520.AA06729@ucsd.edu>, <1993Jun8.150037.3912@kd4nc.uucp>,  
<1993Jun08.221235.18468@news.mentorg.com>rn.ed  
Subject : ICOM IC-2SRA Mods...

Does anyone have any mods for the Icom IC-2SRA? maybe something that allows tx on the 29-906 MHz...

Michael

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Date: Tue, 8 Jun 1993 14:14:11 GMT  
From: usc!howland.reston.ans.net!darwin.sura.net!news.dfn.de!news.uni-bielefeld.de!techfak.uni-bielefeld.de!bsieker@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1uvad1\$et3@sousa.tay.dec.com>, <C8969H.9v2@hermes.hrz.uni-bielefeld.de>,  
<1993Jun7.171157.19129@bongo.tele.com>efeld.de  
Subject : HB9CV (was Re: 3 Element, 2m Beam Project ?)

In article <1993Jun7.171157.19129@bongo.tele.com>, julian@bongo.tele.com (Julian Macassey) writes:

```
|>
|> The HB9CV antenna is popular in continental Europe, it is not
|> well known in the U.S. I have used an HB9CV and found it an ideal a
|> portable 2M antenna.
```

surprised to hear that; I thought it was well known across the world. If there are enough interested people I will post a construction description here (possibly ascii graphics or uuencoded GIF).

```
|>
|> But how good is it? Well below are some measurements made at
|> the May 1993 West Coast VHF Conference.
|>
|> 144 Mhz           Reference: 10.5dBi 4 element Yagi
|>
|> K3IPW Rutland F0-15-144 15 element Yagi      39o 17.8 dBi
|> WB9COYCOY2M12EL           44o 15.5 dBi
|> KD6BLS5 Ele Log Periodic           74o 10.5 dBi
|> K6LMN Half-Wave Horn-Yagi           74o 9.8 dBi
|> KD6RDR5 Ele verical Yagi           101o 9.1 dBi
|> SM6MOM2 Ele HB9CV              75o 8.5 dBi
|> W6DYI 2 Ele Quad              80o 7.7 dBi
|> K6AAW Turnstile              n/a 4.0 dBi
|> W6DYI Coaxial Vertical          n/a -3.0 dBi
|>
```

At first I was a little surprised to read the value of 8.5 dB for the HB9CV, but then I must remember that in the US. antenna gain is measured with regoard to a (fictious) spherical radiating antenna, whereas in europe it is usually measured with regard to a lambda/2 dipole antennne. So the value I used to know was 5.5 dBi over dipole.

I did not yet have my HB9CV's gain measured, but the SWR is excellent (certainly better than 1:1.2 from 144-146 MHz).

Anyone Interested in the HB9CV design? I will post it then!

Bernd  
~~~~~

--

|          |           |           |                                      |
|----------|-----------|-----------|--------------------------------------|
| only     | _         | Real Life | Bernd Sieker, Universitaet Bielefeld |
| Amiga_// | IRC       |           | Pink                                 |
| \X/      | HAM Radio |           | DG 6 YHI                             |
|          | email     |           | bsieker@techfak.uni-bielefeld.de     |

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Date: 8 Jun 1993 21:22:29 GMT  
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Jun4.100013.9795@bongo.tele.com>,  
<m0o2B9T-00000FC@amdahl.uts.amdahl.com>, <1993Jun7.180134.19378@btree.uucp>7  
Subject : Re: Air-band radio question

> No problem unless xmiting on a tower or ground freq.

...or on a center frequency, or on a frequency used by flight service,  
or one used for any other legal purpose. C'mon there's a good reason  
why a station license is required for these things.

You don't need to look up the "aviation channel number" or anything of  
the sort. While there are channel numbers assigned, I've never seen  
anything other than Megahertz used.

-Ron

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End of Info-Hams Digest V93 #696

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